

APPENDIX A

Clean Copy of the Entire Set of Pending Claims

21. (New) A computer-readable medium containing computer-executable instructions to perform a method for assisting a computer programmer in real-time to modify a present programming language statement of a computer program, the method comprising:

enabling a programming language editor having a character position cursor and a randomly positionable pointer;

partially compiling available ones of a plurality of programming language statements in said computer program;

defining a finite set of programming language statement information that is relevant to at least one segment of the present programming language statement from among said plurality of programming language statements that is proximate to said character position which allows modification of the programming language statement; and

automatically generating a passive assist window that contains said finite set of programming language statement information in a location proximate to said character position cursor that does not obstruct the current view of said programming language statement.

22. (New) The computer-readable medium of claim 21, having further computer-executable instructions for performing:

modifying the present programming language statement based at least in part on the selected programming language statement information; and

automatically removing the passive assist window when the programming language statement has been amended.

23. (New) A computer-readable medium whose contents cause a computer system to supplement a computer programming statement by performing the steps of:

automatically displaying the computer programming statement; and
proximate to the display of an incomplete computer programming statement,
automatically displaying a dynamic list of one or more textual programmatic entities.

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24. (New) The computer-readable medium of claim 23, having further computer-executable instructions for performing:

receiving a user input selection of one of the displayed textual programmatic entities;

and

adding the selected textual programmatic entity to the displayed statement.

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